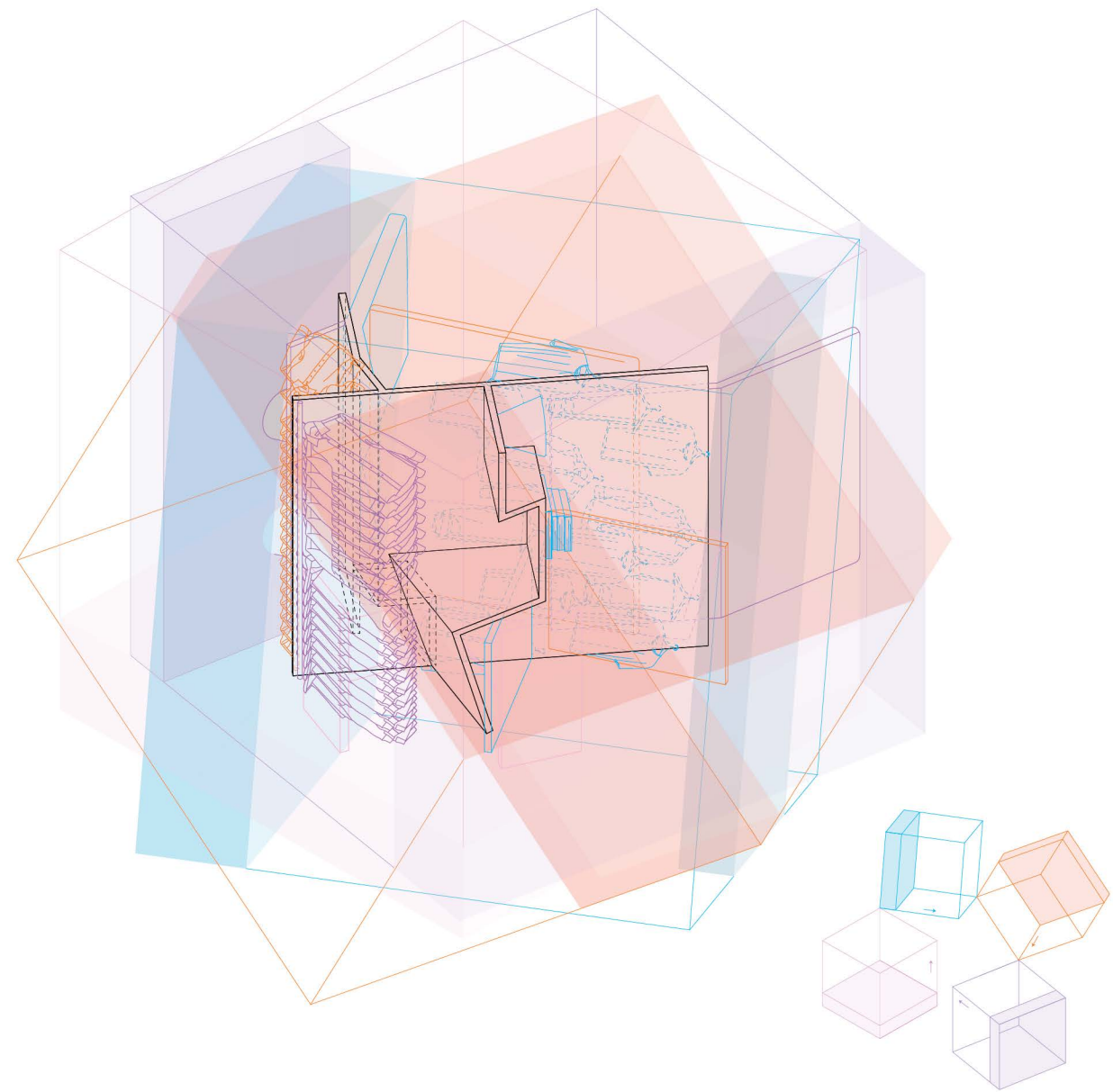
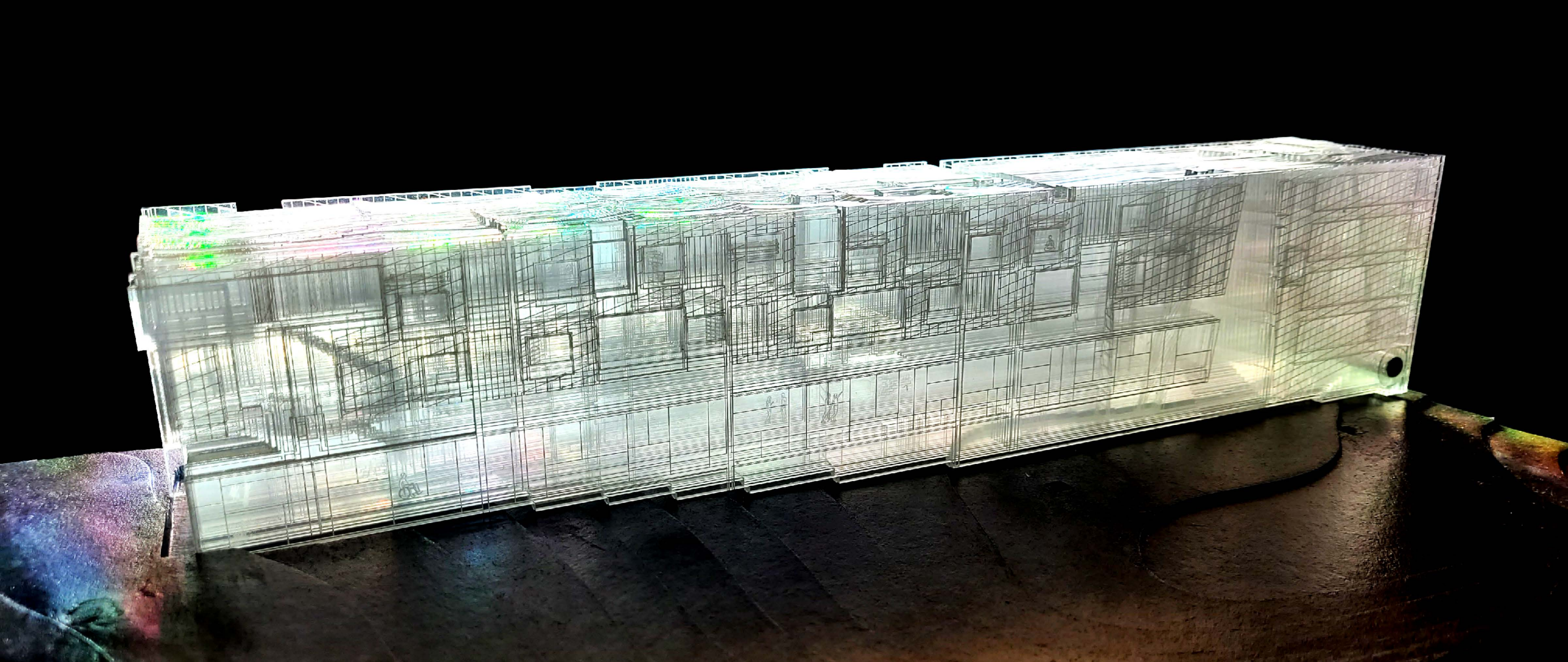


alec long

Recent M.Arch graduate from USC School of Architecture. Designer, craftsman, and maybe the first person to move to LA to leave the film industry. Transitioned into architecture after a decade of designing and building sets for theatre, film, and television. Combines collaborative artistic experience with inherent curiosity to pursue creative, innovative design solutions. Driven by a passion for sustainable, biophilic design and a mission to create equitable inhabitable spaces.

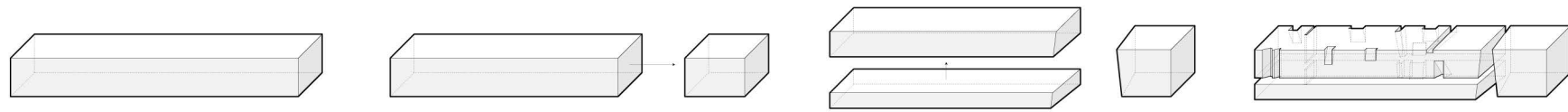




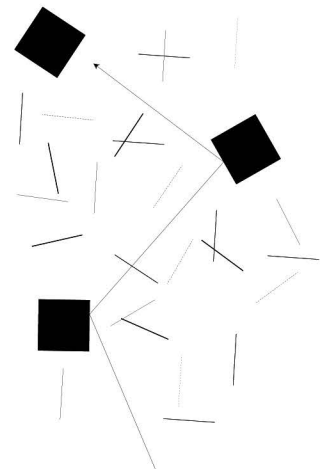
RALLY POINT

type: Co-living Housing
scale: ~50 inhabitants
25,500 ft²
location: Rancho Park Golf Academy
Los Angeles, CA
professor: John Southern

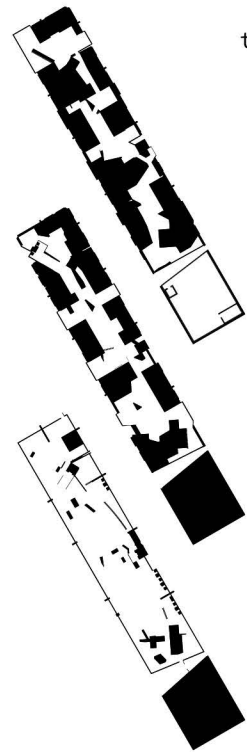




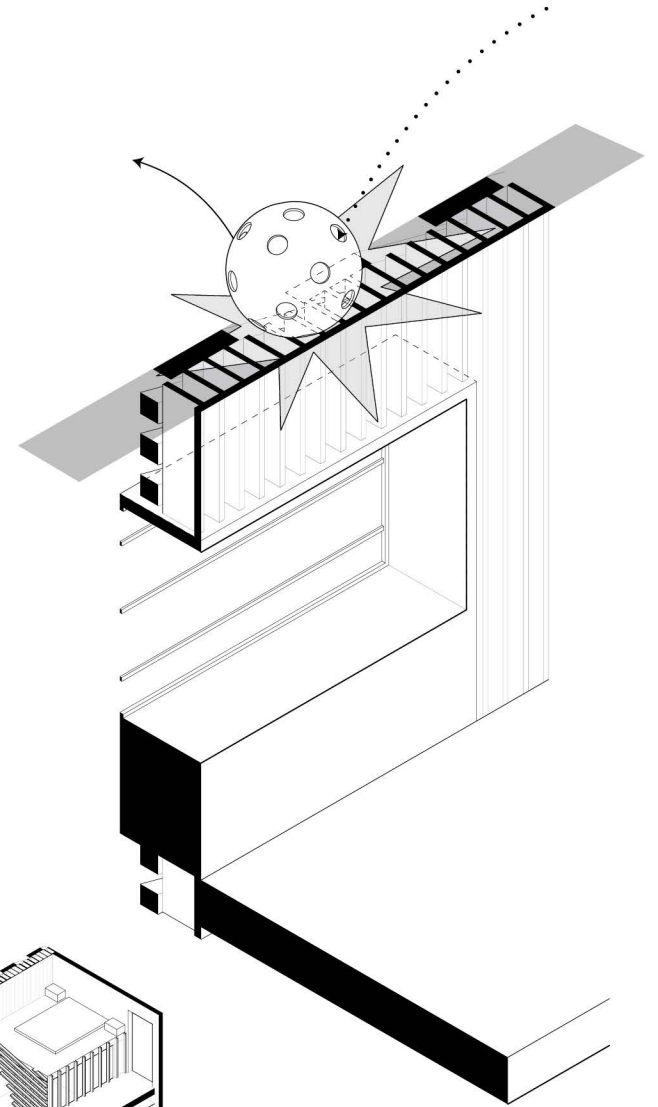
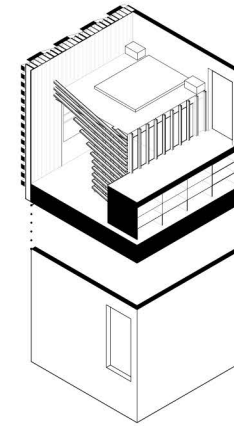
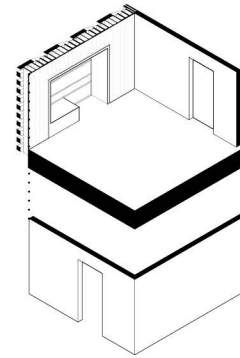
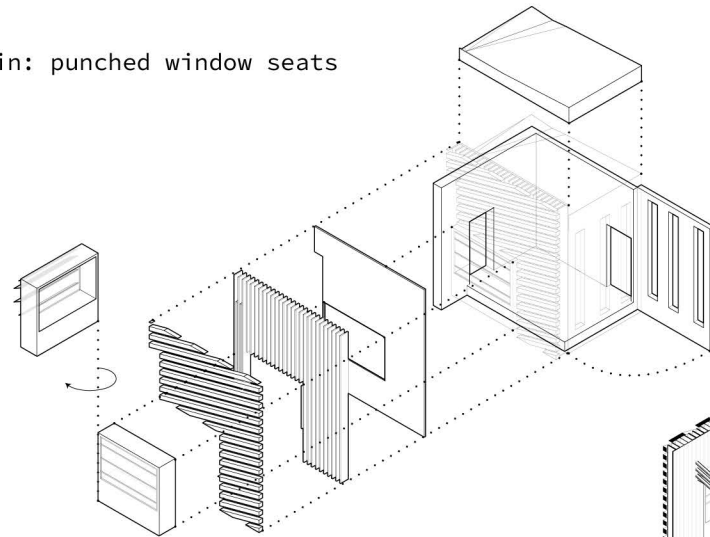
court division: massing diagram

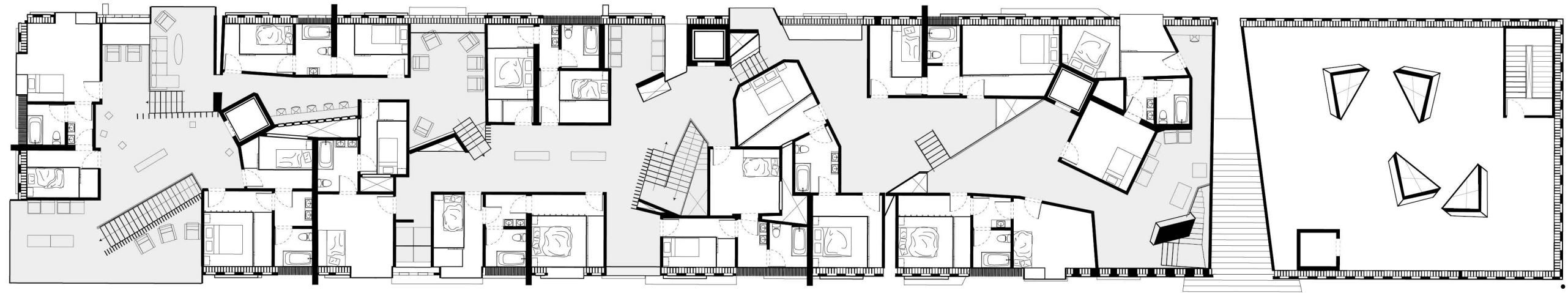


the two-bounce rule: circulation diagram



the line counts as in: punched window seats





3rd floor

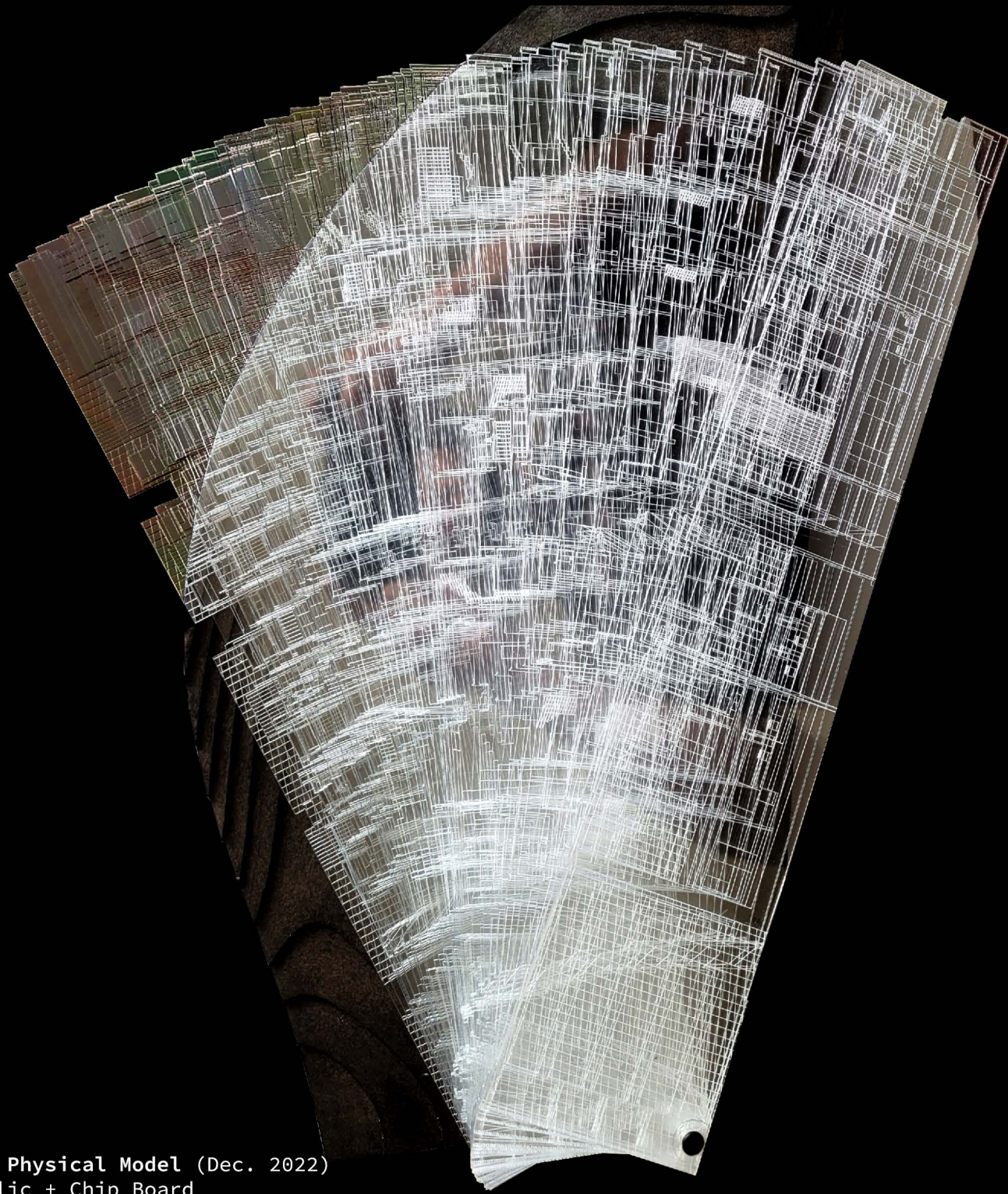


2nd floor

inefficient circulation leads directly into public spaces, increasing opportunities for interaction between neighbors to create a social network tectonic

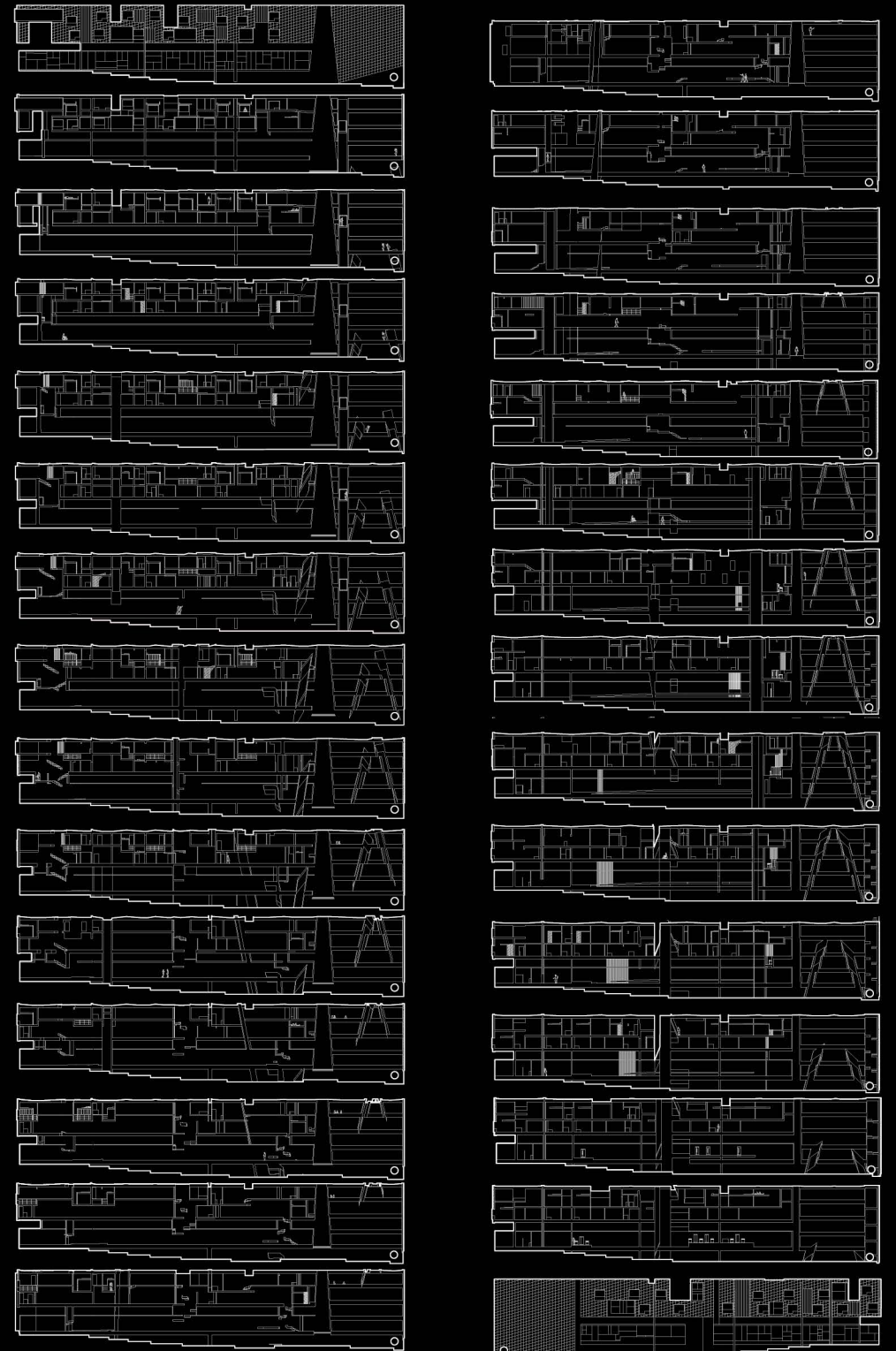


Rally Point Physical Model (Dec. 2022)
Etched Acrylic + Chip Board



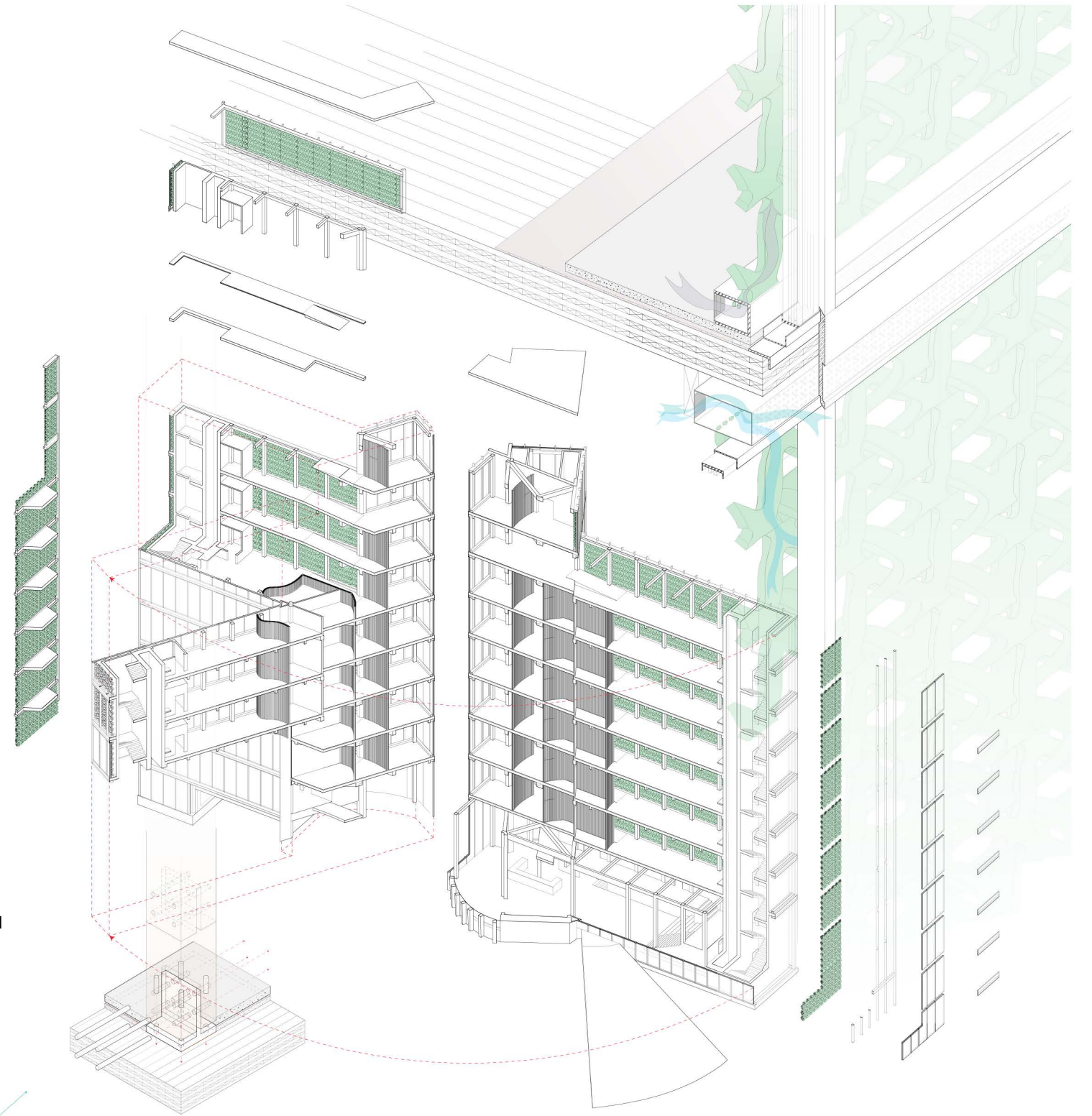
Rally Point Physical Model (Dec. 2022)
Etched Acrylic + Chip Board

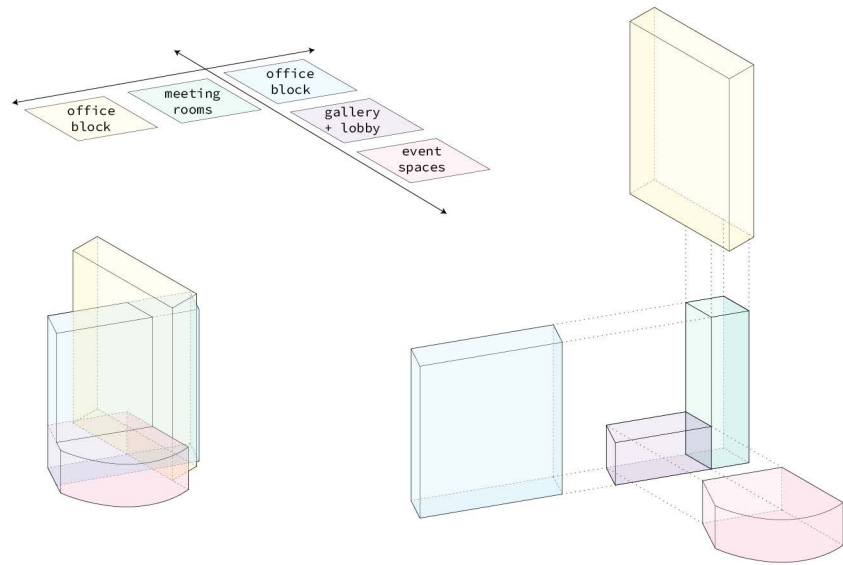
section drawings



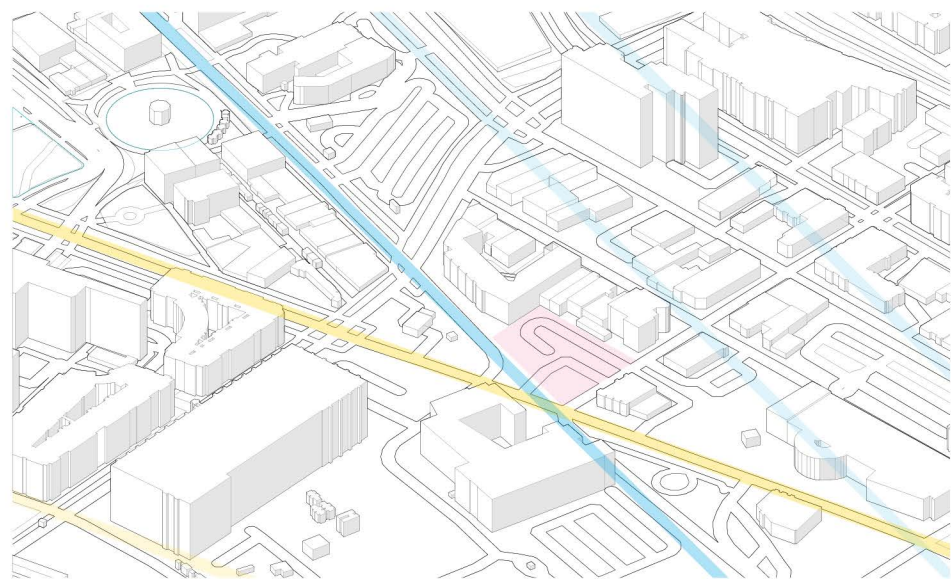
COMMUNITY x INTERSECT

type: Social Justice Center
scale: Mid-rise, 12 stories, 36,000 ft²
location: 741 N. Main St
Los Angeles, CA
professor: Chuck Lagreco



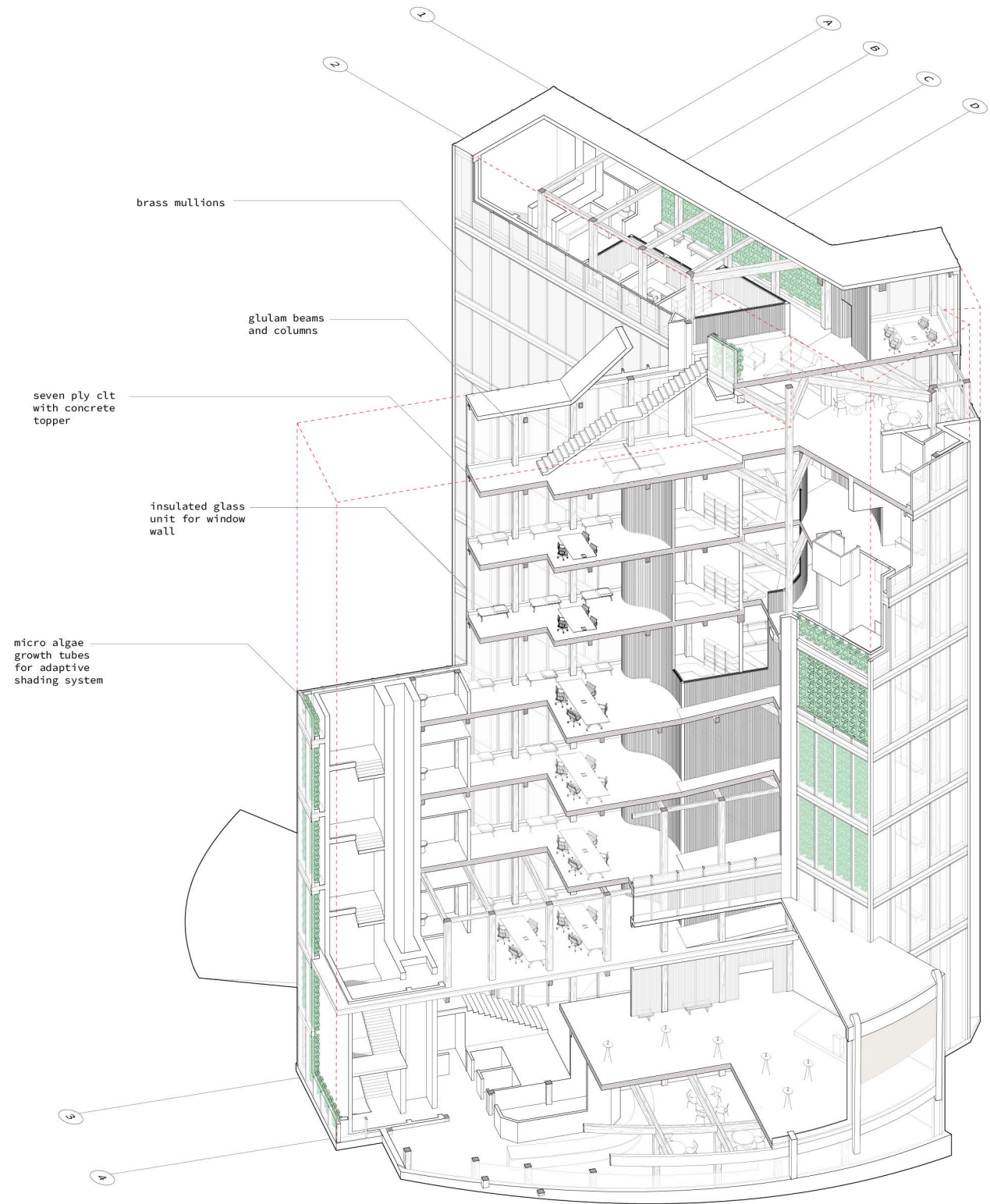


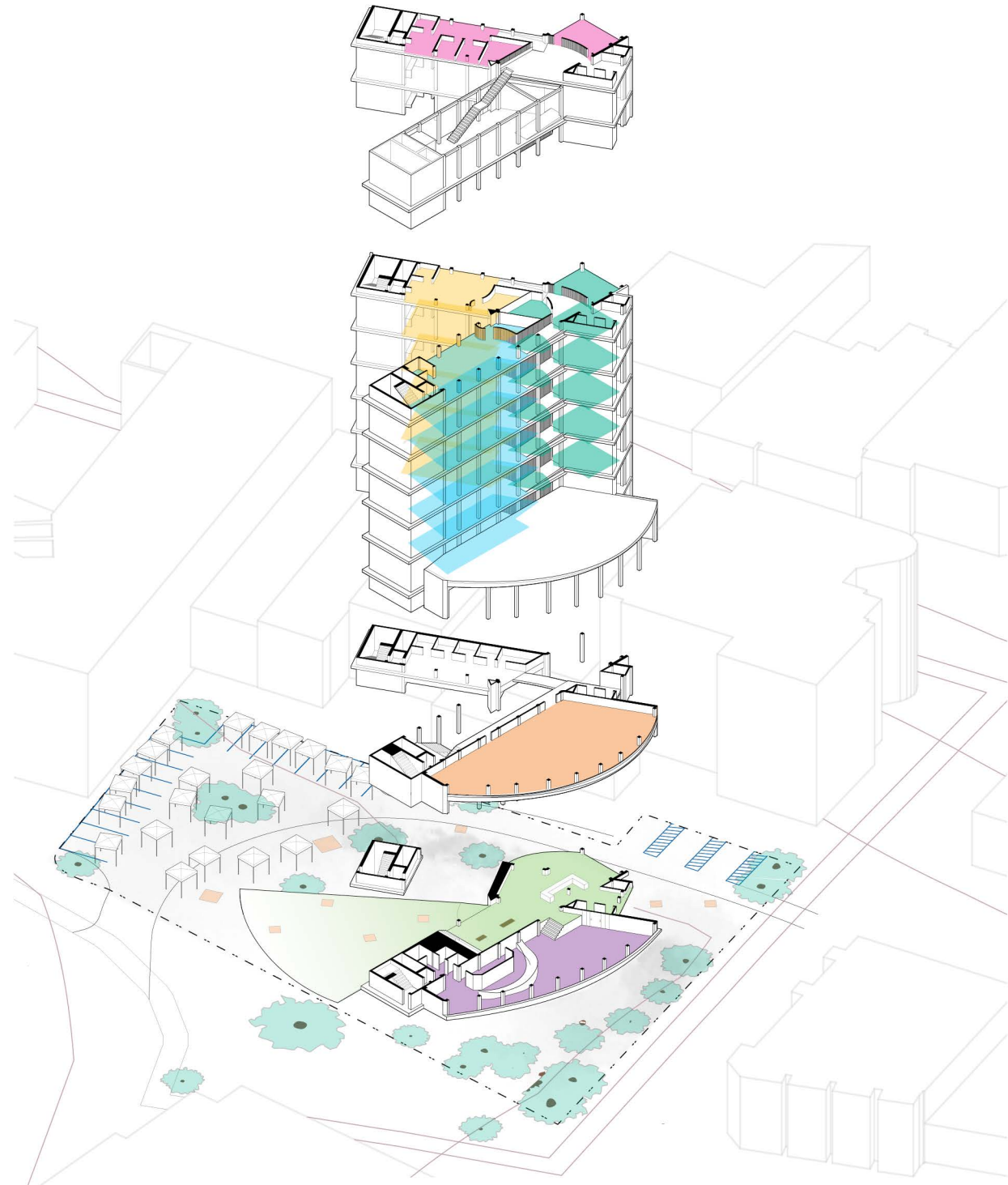
program morphing from massing intersections



intersection of spanish and jeffersonian grids near site

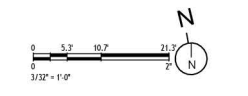
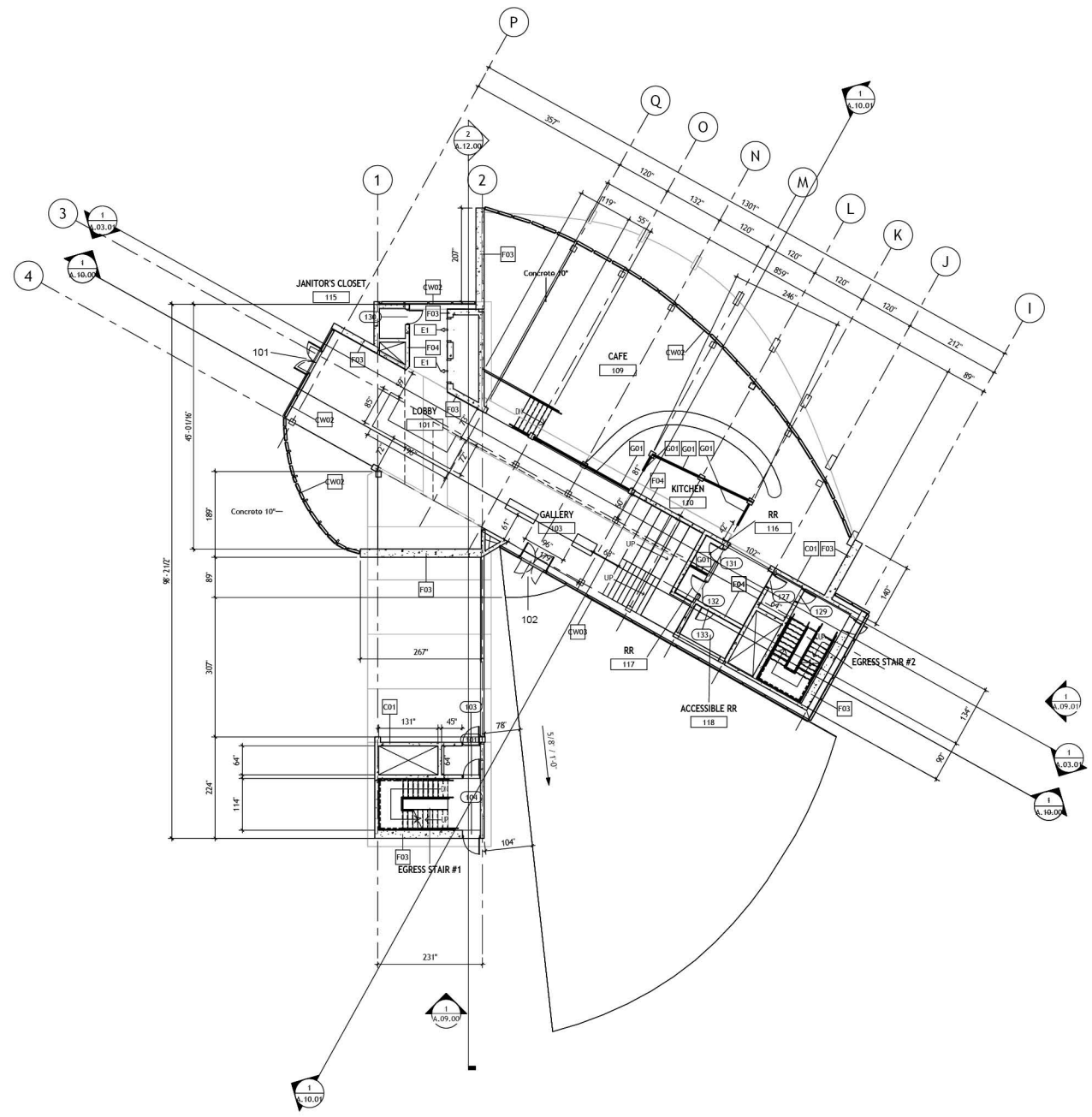
Community x Intersect (May 2023)
Architecturalizing Intersectionality





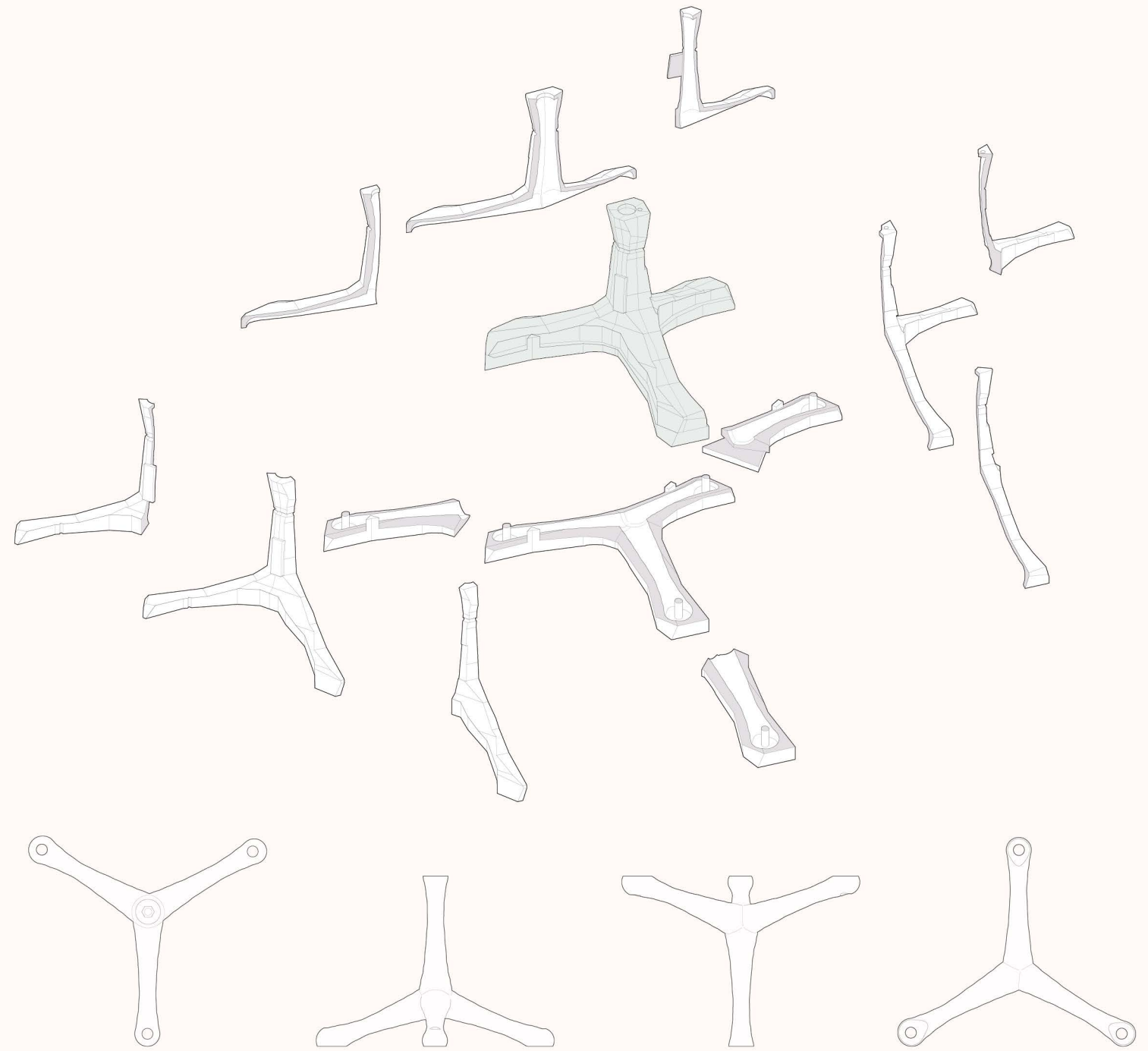
Community x Intersect (May 2023)
 Program Axonometric + Typ. Floor Plan

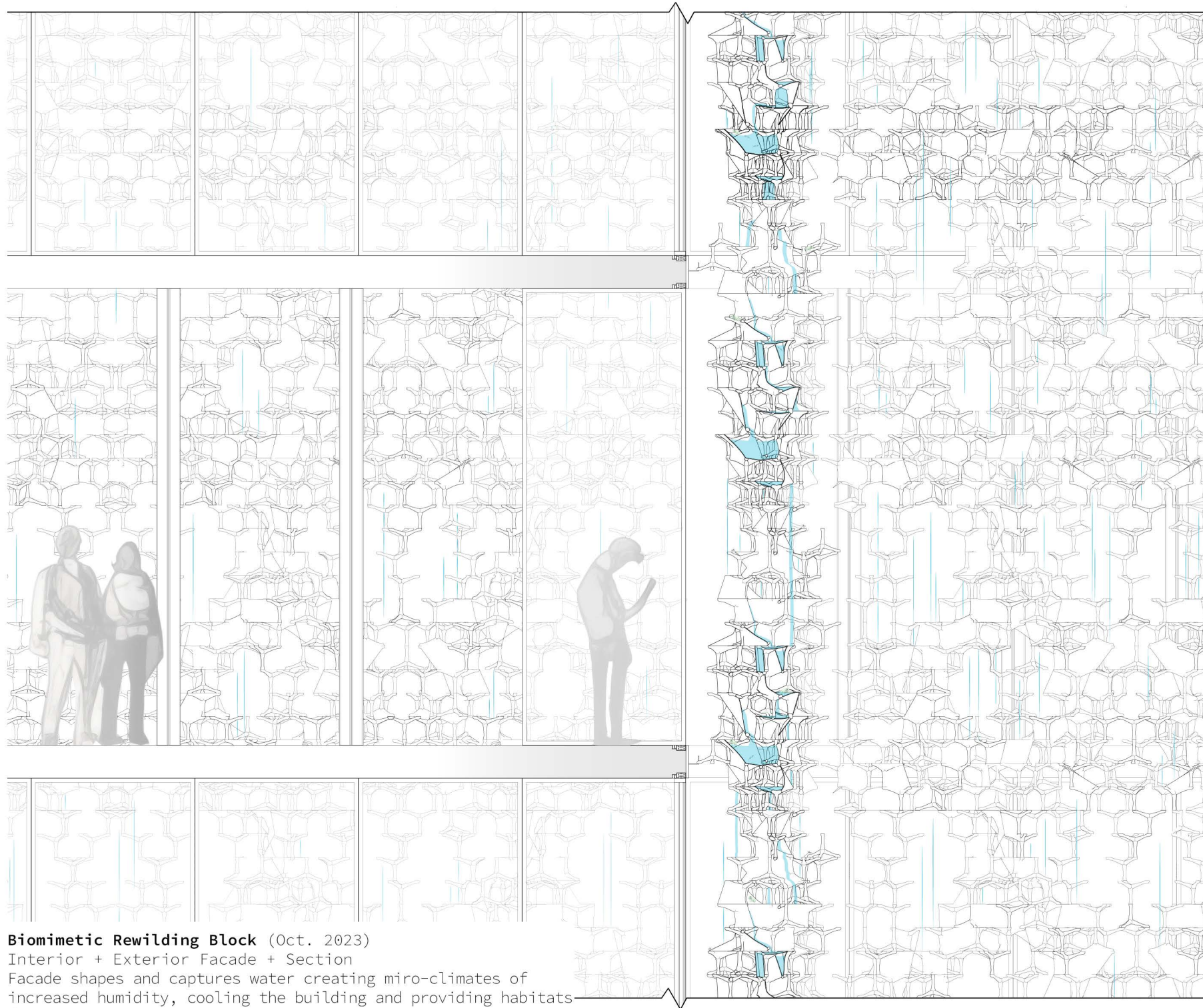
-
 office
-
 office
-
 meeting room
-
 admin offices
-
 event space
-
 lobby
-
 cafe



REWILDING BLOCK

type: biomimetic facade design
scale: constructed from 1 ft³ blocks
location: any building
professor: Evelyn Tickle

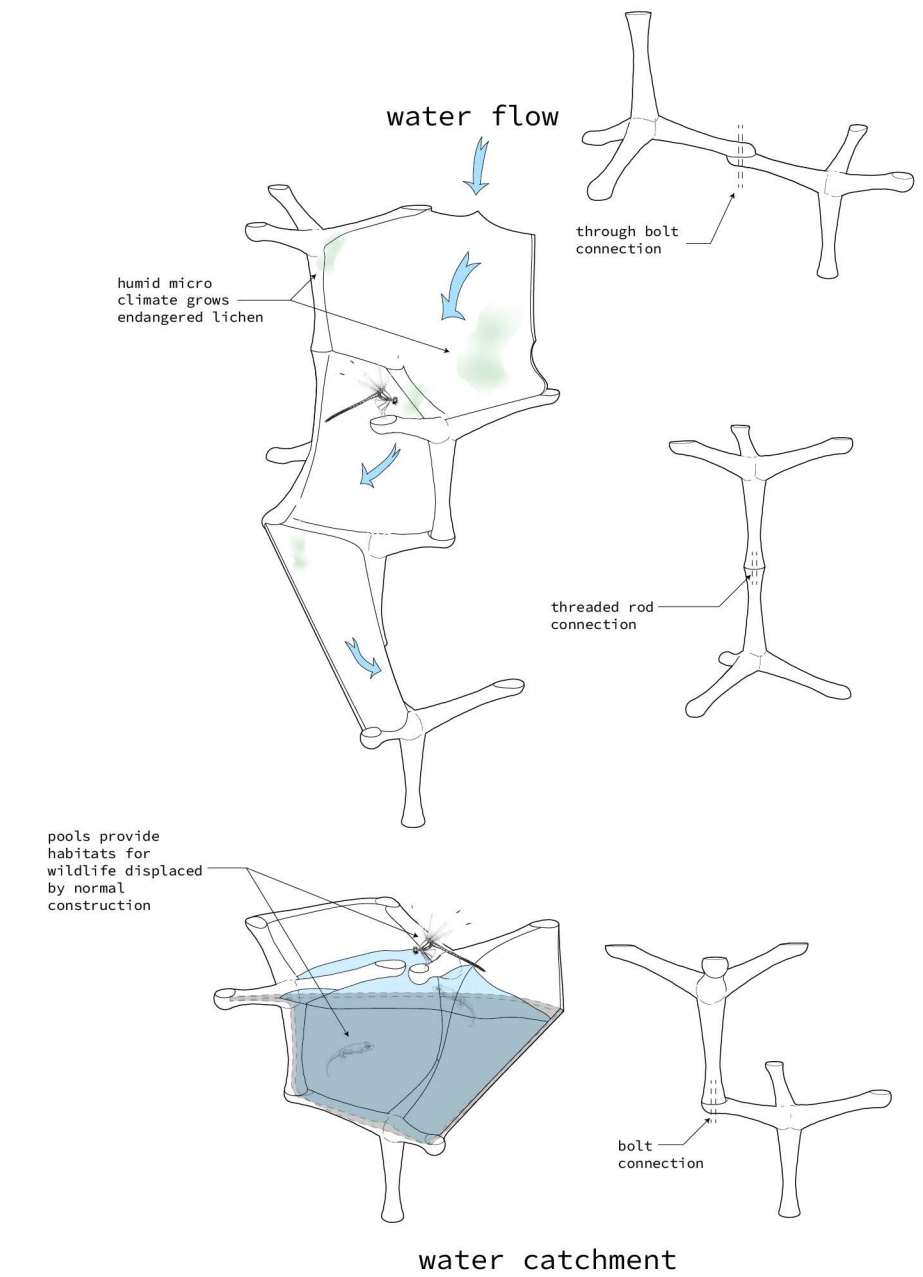




Biomimetic Rewilding Block (Oct. 2023)

Interior + Exterior Facade + Section

Facade shapes and captures water creating micro-climates of increased humidity, cooling the building and providing habitats for animals and lichens endangered by normal construction



system diagram

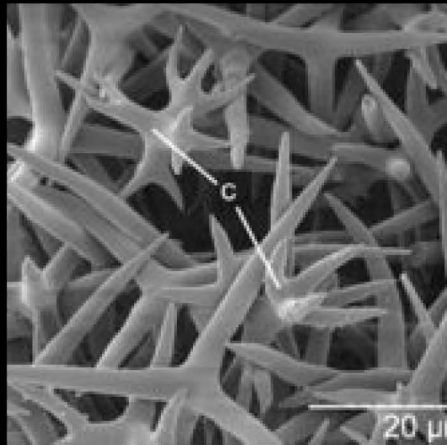
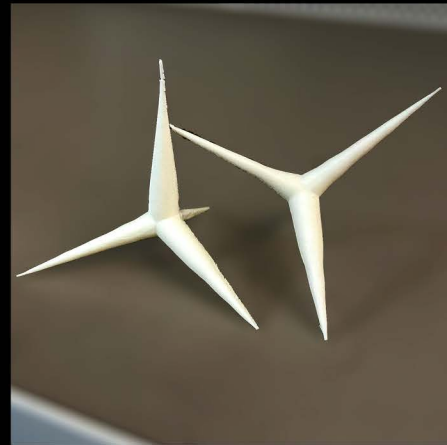


photo credit: Müller, W. E., Eckert, C., Kropf, K., Wang, X., Schloßmacher, U., Seckert, C., Wolf, S. E., Tremel, W., & Schröder, H. C. (2007). Formation of giant spicules in the deep-sea hexactinellid *Monorhaphis chuni* (Schulze 1994): Electron-microscopic and biochemical studies. *Cell and Tissue Research*, 329(2), 363–378. <https://doi.org/10.1007/s00441-007-0402-x>



structural inspiration and iterations

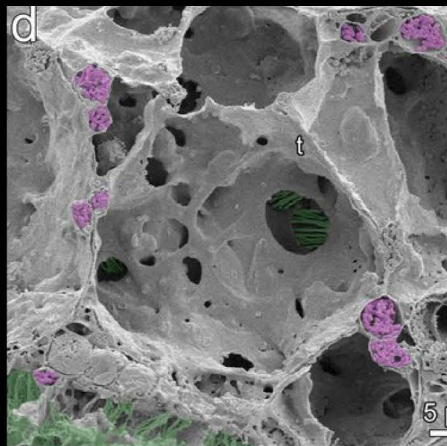
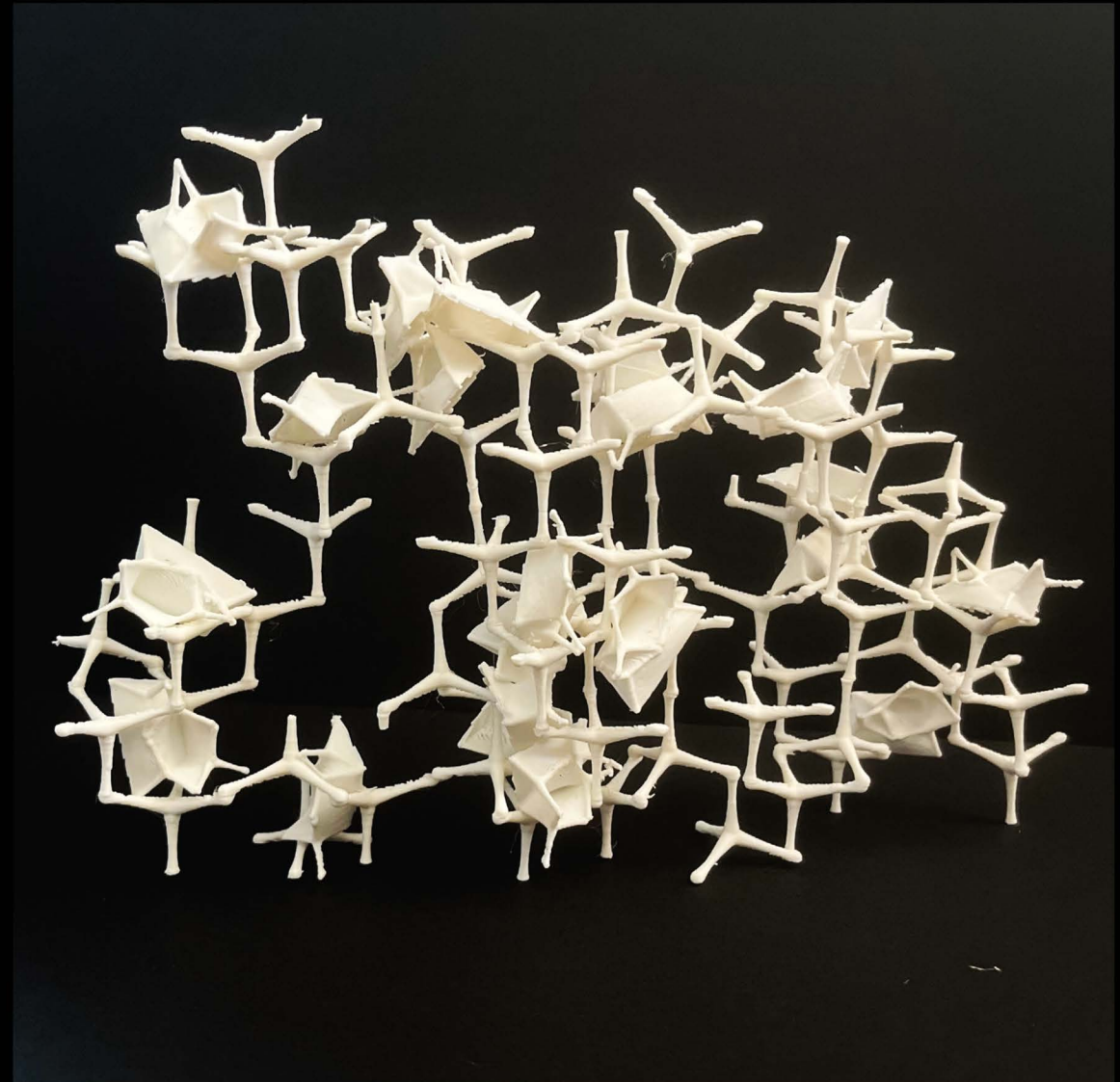


photo credit: Kahn, A. S., Chu, J. W., & Leys, S. P. (2010). Trophic ecology of glass sponge reefs in the Strait of Georgia, British Columbia. *Scientific Reports*, 8(1). <https://doi.org/10.1038/s41598-017-19107-x>



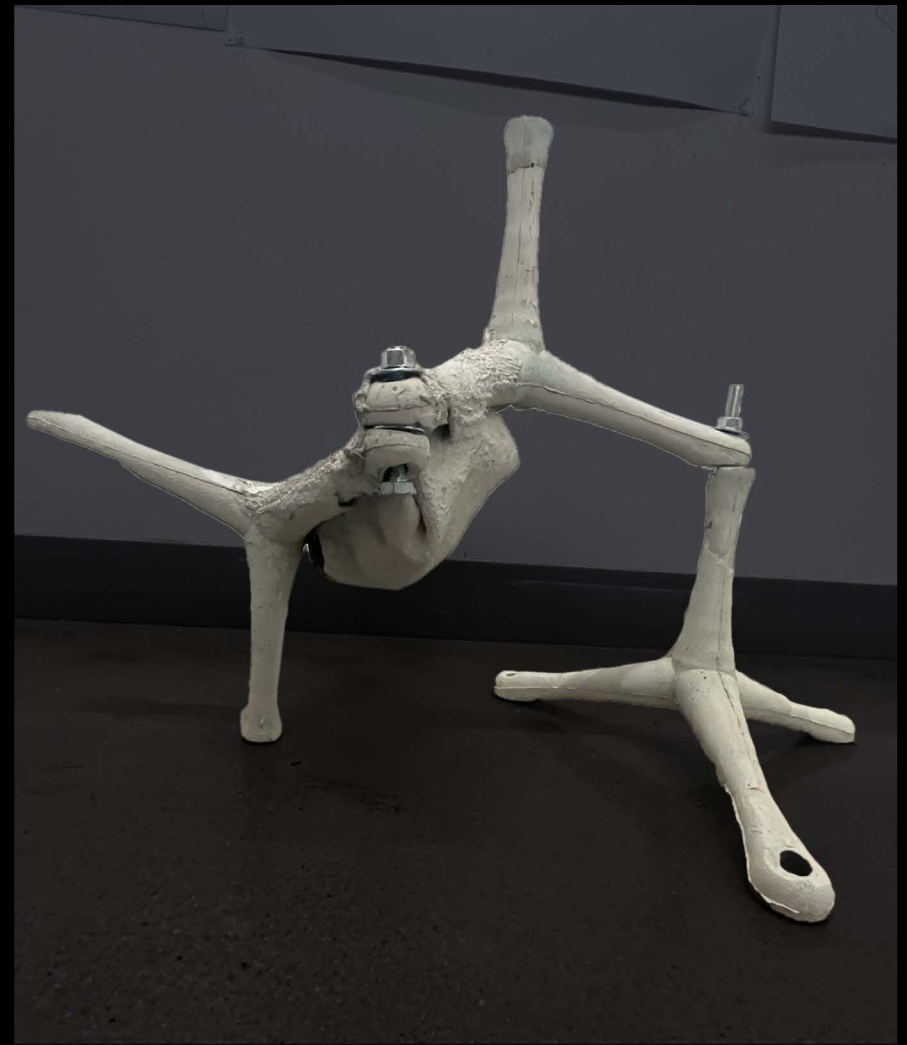
water capture and management system inspiration and iterations

Biomimetic Rewilding Block (Nov. 2023)
 Biomimetic Research + Form Development
 PLA Filament, Quickcrete

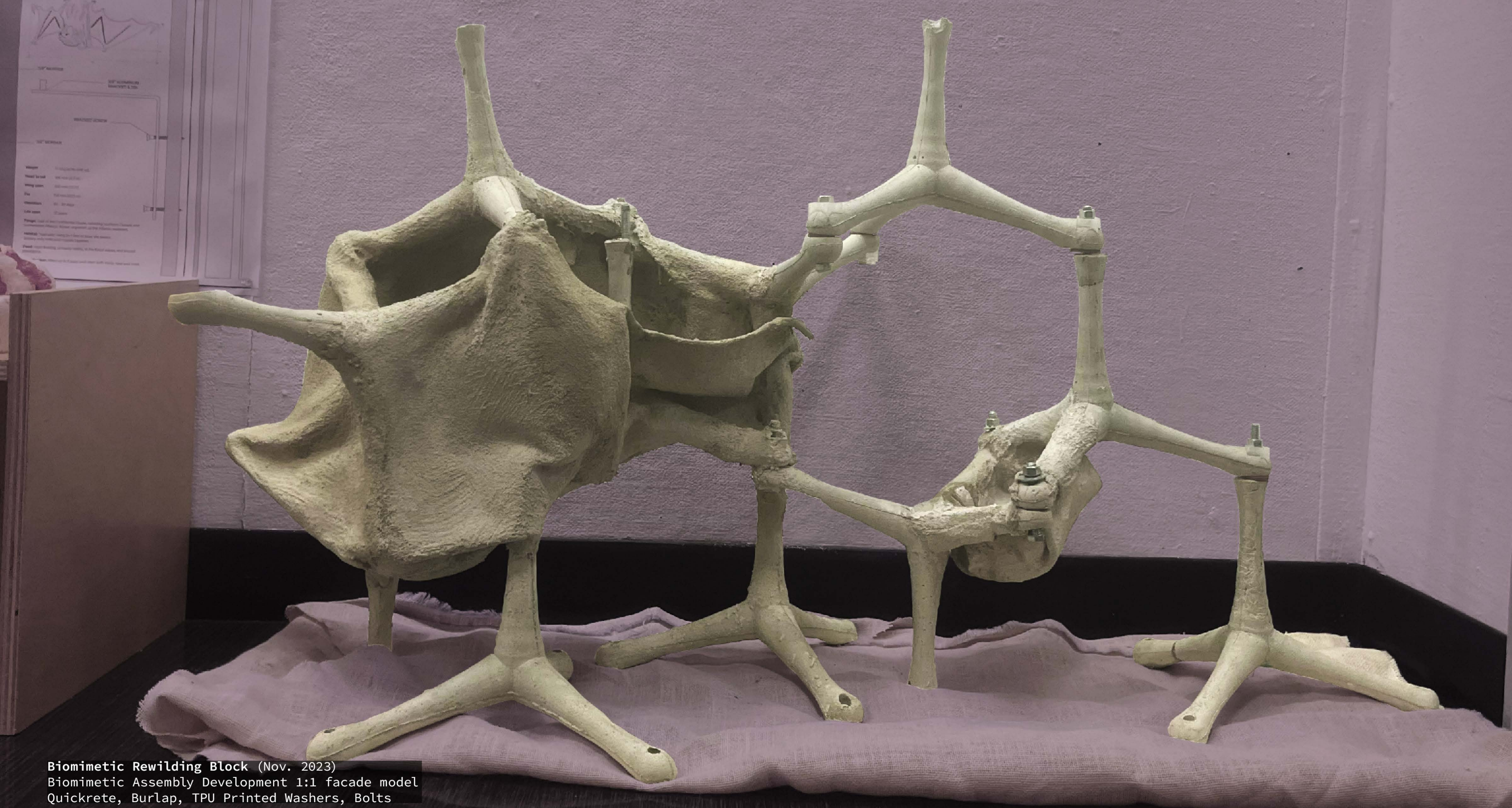


connection and system synthesis iterations

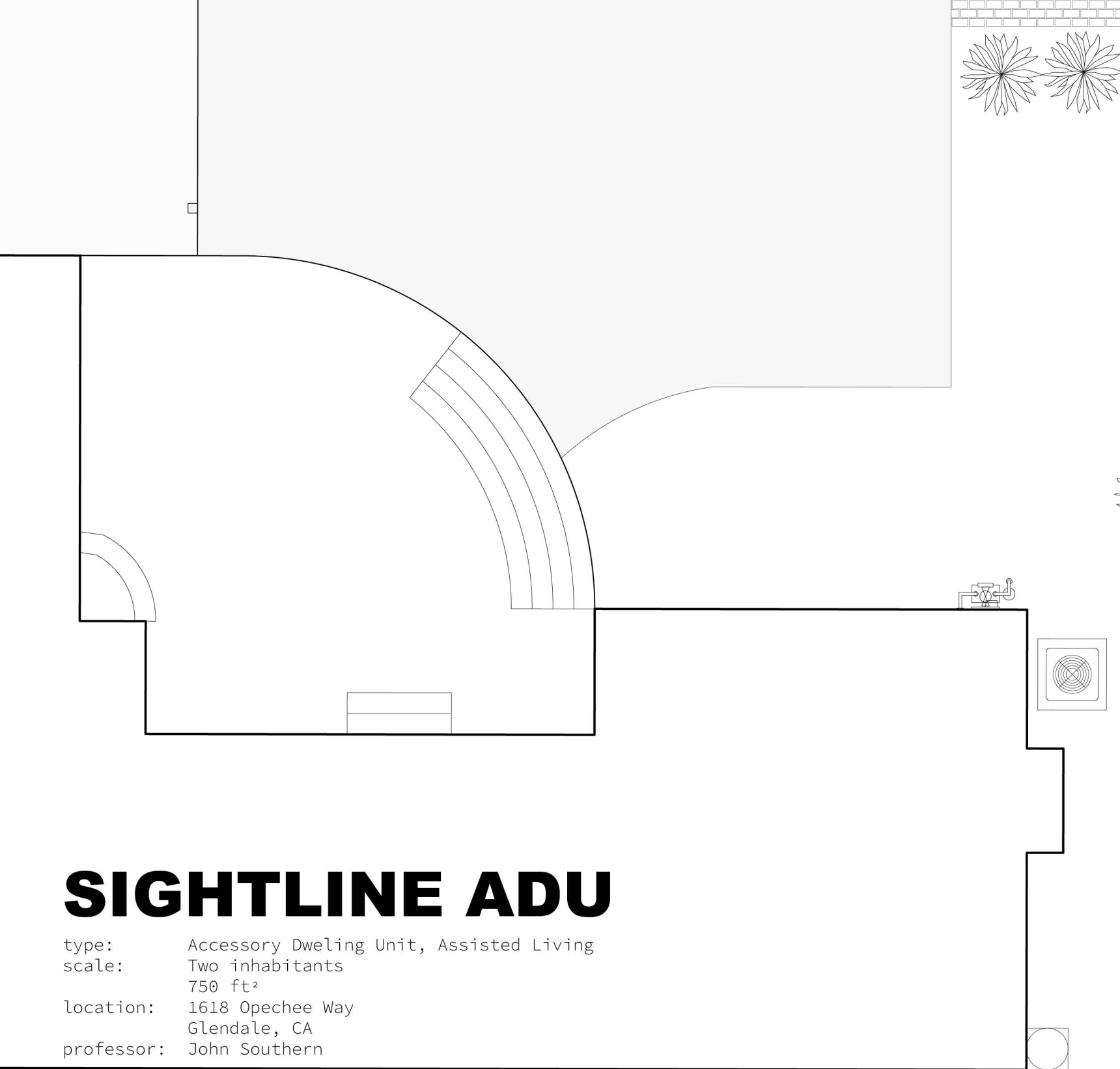
Biomimetic Rewilding Block (Nov. 2023)
Biomimetic Assembly Development
PLA Filament, Plasticine, Fiber Paper, Paper Towel, Thread, Wood Glue



Bio-Block (Nov. 2023)
Biomimetic Assembly Development 1:1 facade model
Quickrete + Burlap

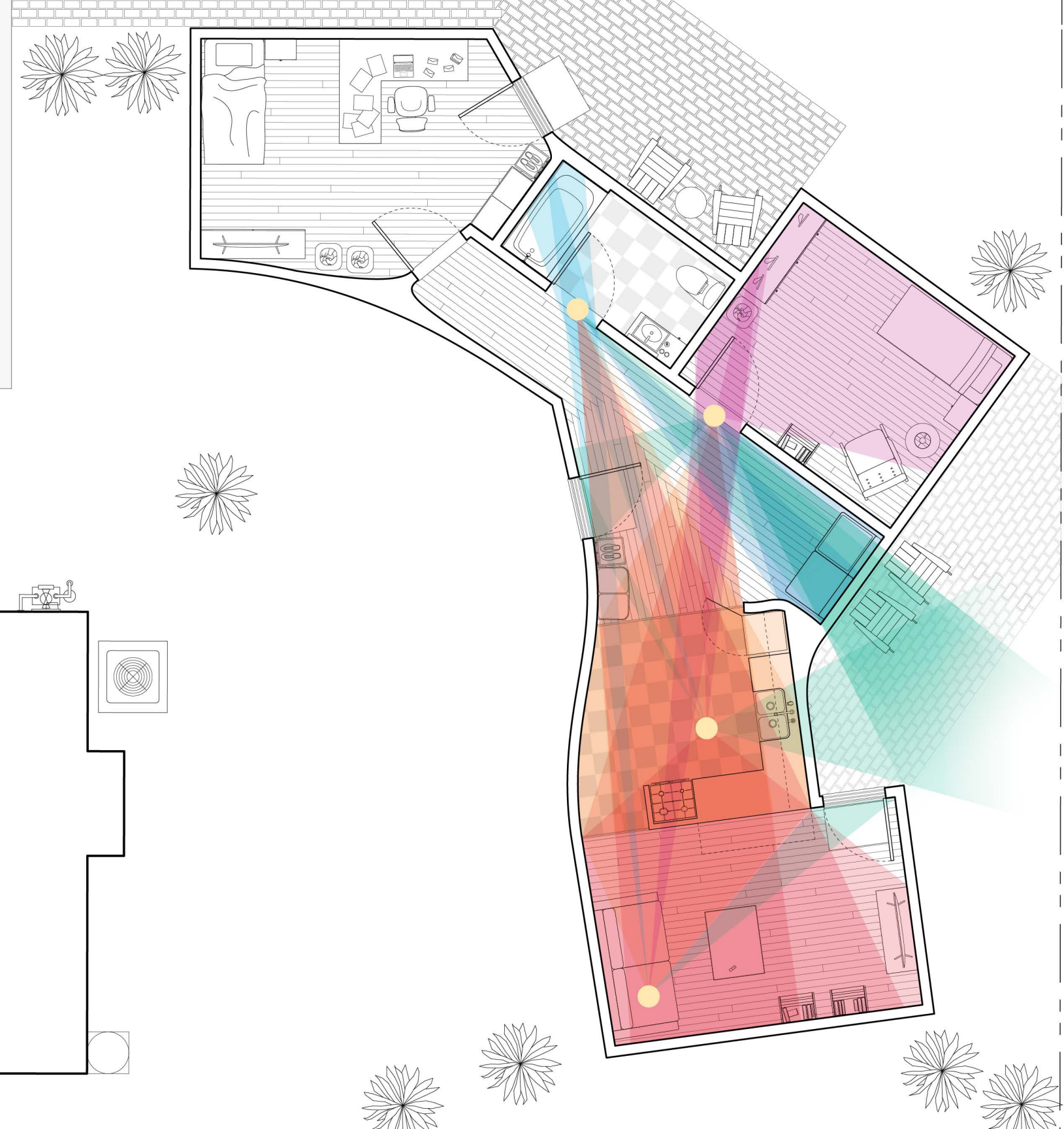


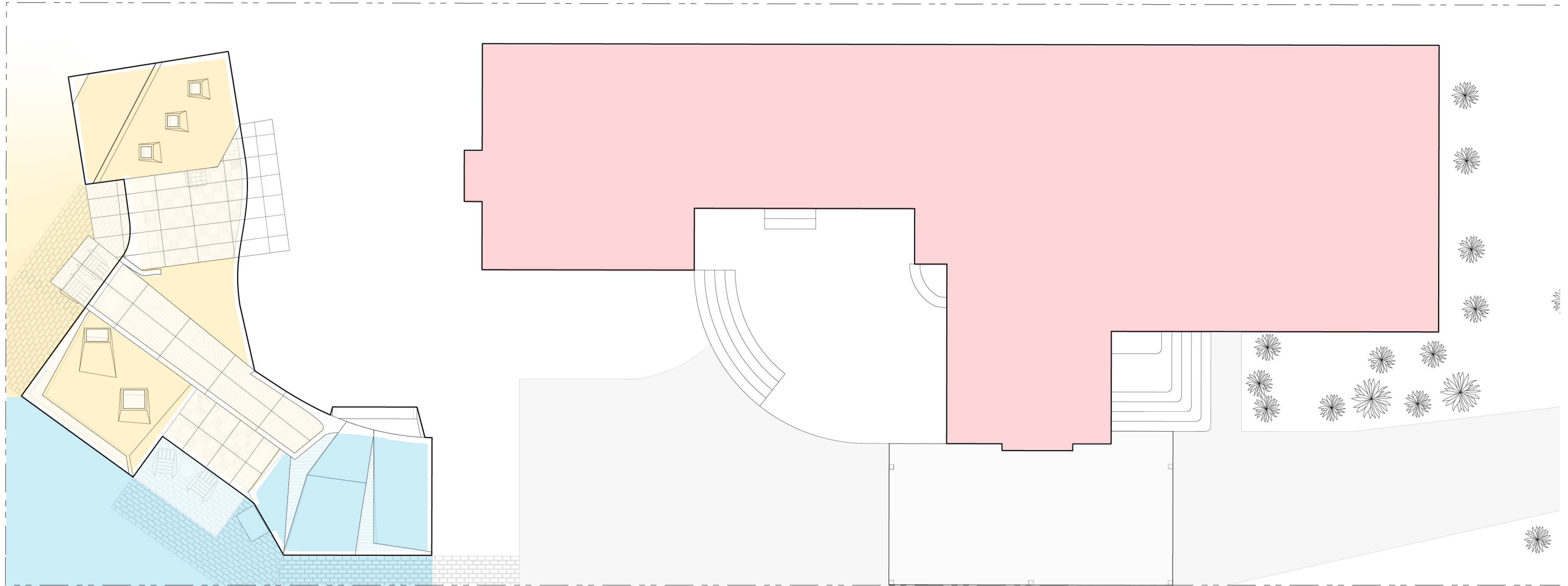
Biomimetic Rewilding Block (Nov. 2023)
Biomimetic Assembly Development 1:1 facade model
Quickrete, Burlap, TPU Printed Washers, Bolts



SIGHTLINE ADU

type: Accessory Dwelling Unit, Assisted Living
scale: Two inhabitants
750 ft²
location: 1618 Opechee Way
Glendale, CA
professor: John Southern



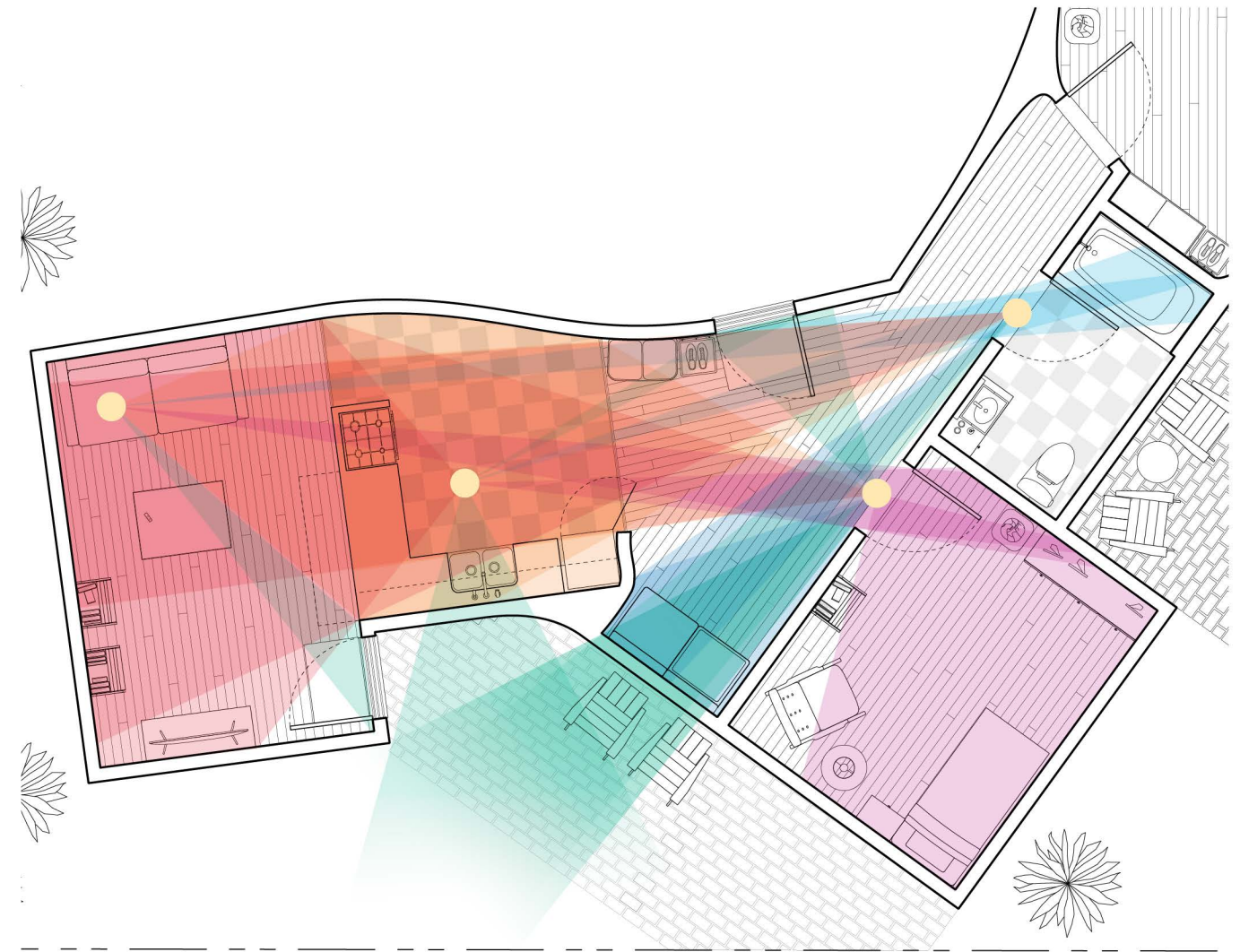


main house	ADU main areas	live-in caregiver private areas	N →
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Sightline ADU (Sept. 2022)
Zones of Habitation



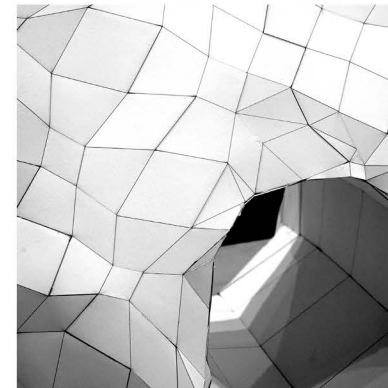
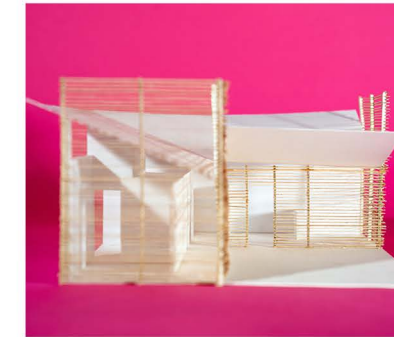
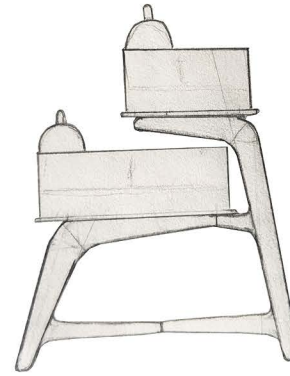
floor plan

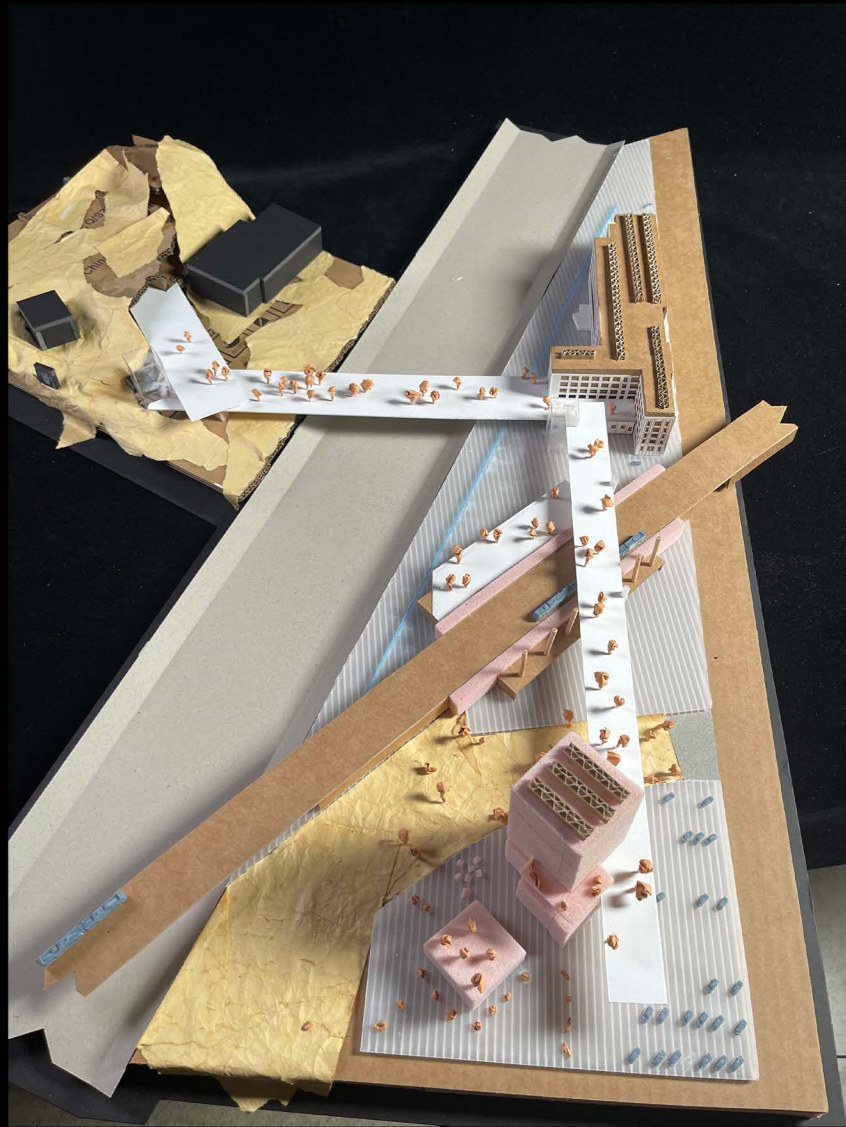


sightline diagram

Sightline ADU (Sept. 2022)
 Direct sightlines help maintain autonomy for inhabitants

MODELS/FURNITURE/SETS



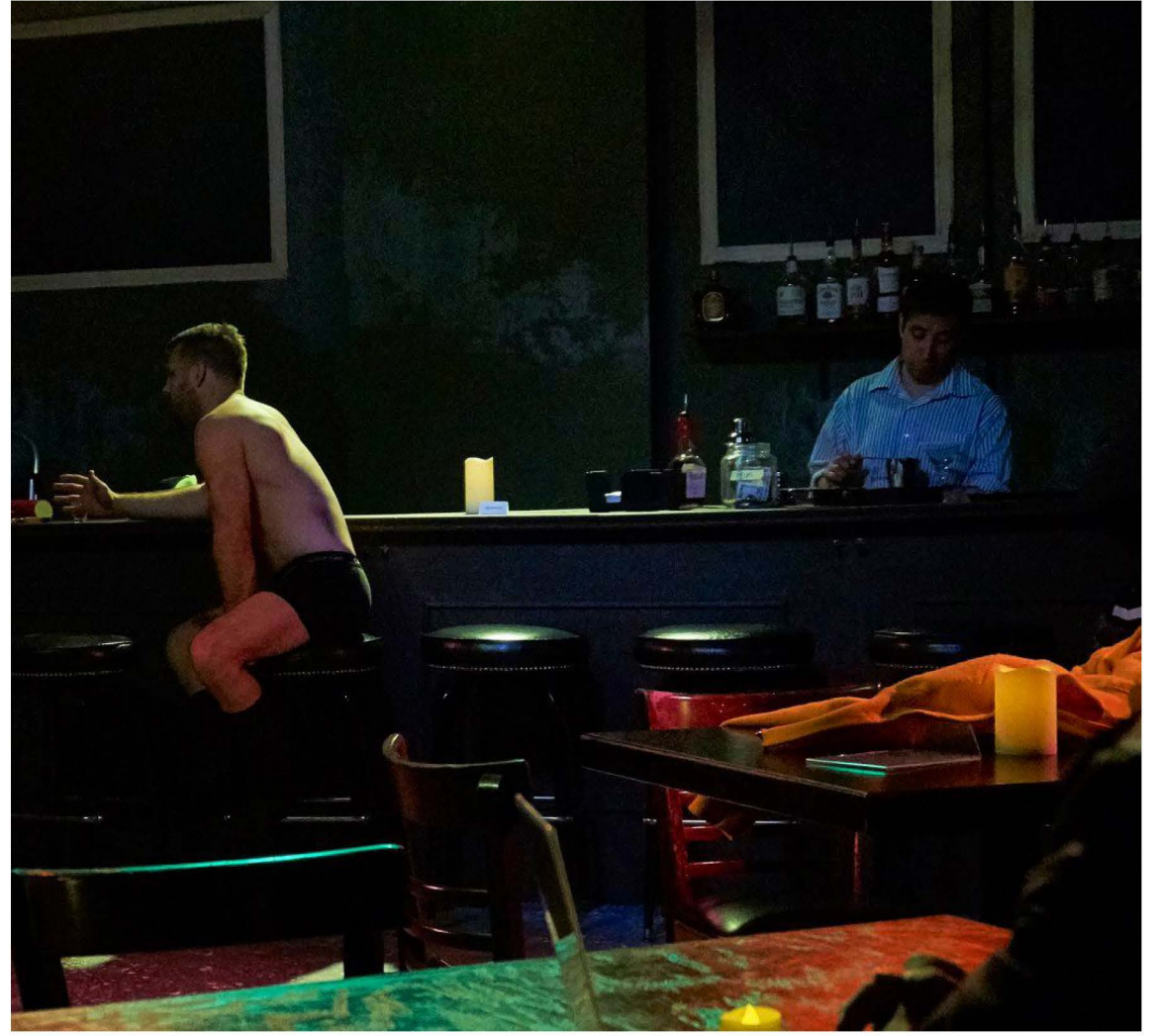


model photos

USC Guild Charrette Honorable Mention (Jan. 2024)
Collaborators: Michael Arais, Farida Mohktar
Foam, Chip Board, Cardboard, Acrylic, Construction Paper



1/4" = 1' scale model



production photos

Nautilina (July 2018)
Scenic Designer for The Agency Theatre Co. Production
Foam Core, Bristol Board, Plywood



production photos



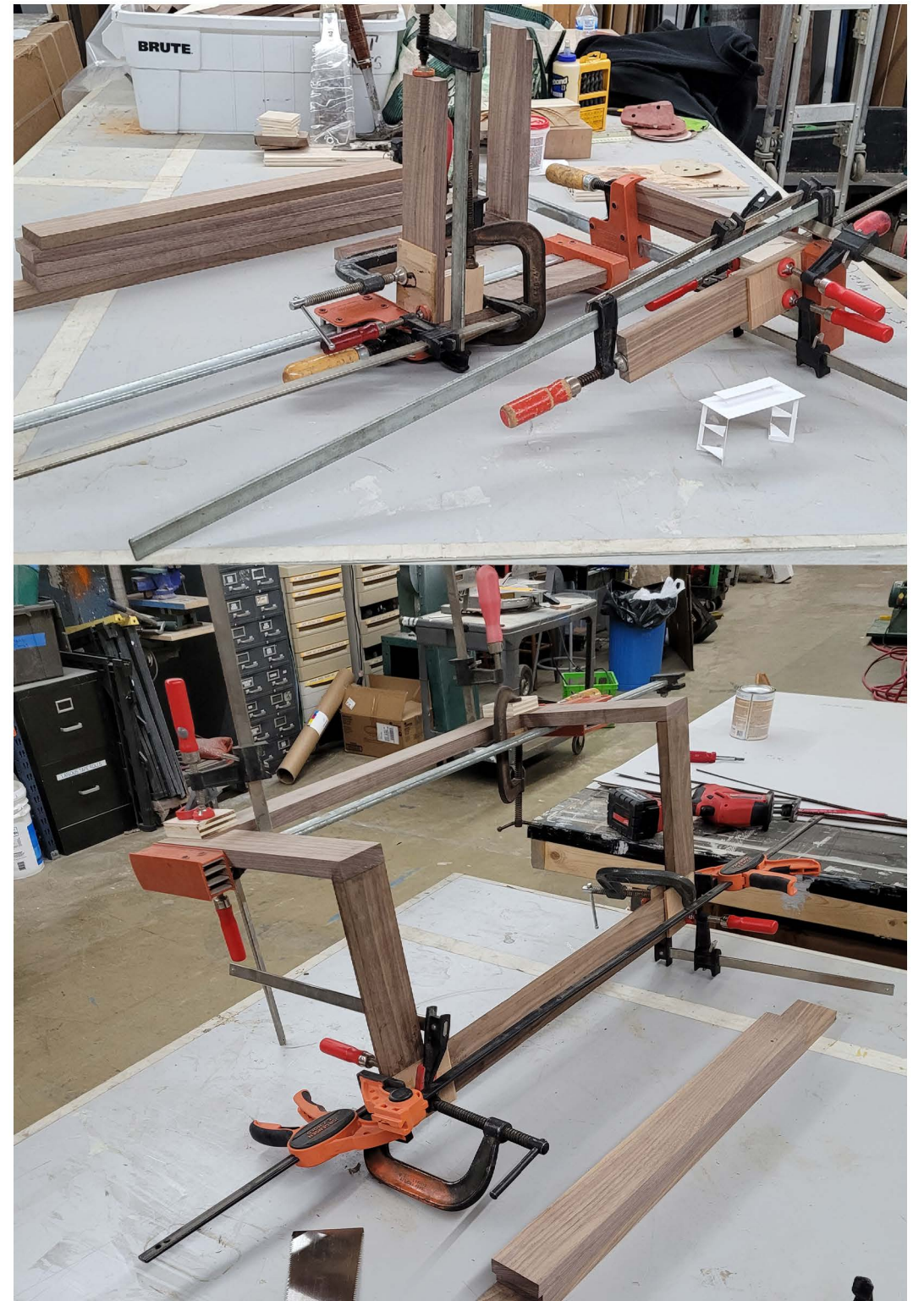
1/4" = 1' scale model

Nautilina (July 2018)
Scenic Designer for The Agency Theatre Co. Production
Foam Core, Bristol Board, Plywood



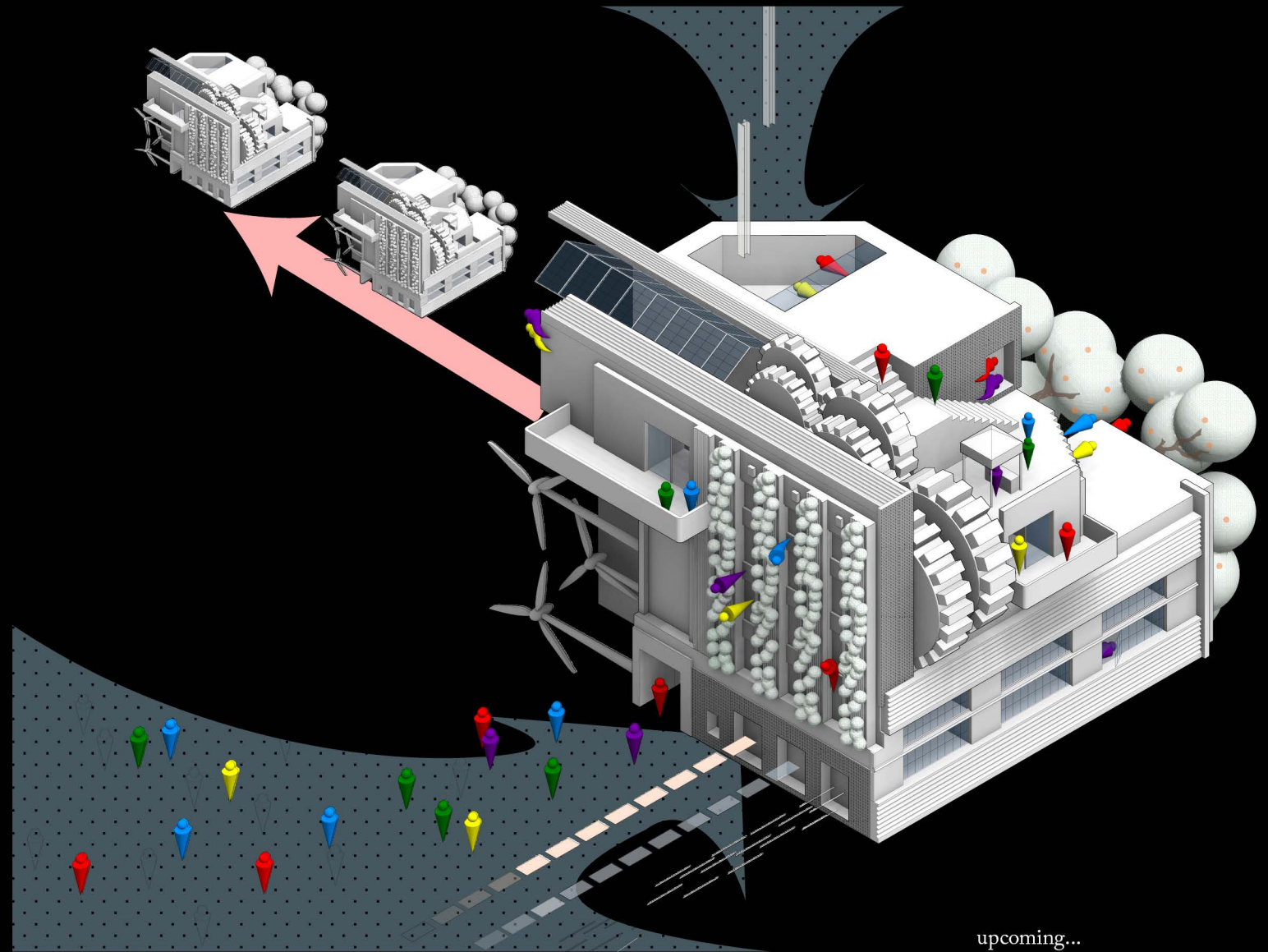
Desk 21 (Dec. 2021)
Walnut + Maple

construction photos



alec long

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alexandercolinlong@gmail.com



upcoming...